Dilation Project

**This is to be worked on during Terra Nova testing and will be due in class on March 31, 2015. Meaning you will have about a week to work on it, including a weekend.**

Instructions

* Choose and print a picture that you would like to enlarge (preferably color if you can, if not save the picture and send to Mrs. Imms). For Example, your favorite cartoon character or animated movie and search the Internet to find a picture or scene you would like to draw. There needs to be some level of difficulty to it, and must have a background to it as well. **Please bring in your picture by Monday March 23, 2015** to have it approved. The dimensions of your picture should be no smaller the 3” by 4” and no larger than 5” by 7”.
* Chose a scale factor of 2, 3, or 4 for your dilation.
* Draw grid lines in pencil on the original small picture of one inch by one inch. You will need a ruler. The lighter the lines are when you start, the easier it will be. The grid must cover the entire picture, even if the picture does not fit in a box completely it needs to still be a complete 1 inch by 1 inch box.
* Draw grid lines on the sketch paper Mrs. Imms has given you according to the scale factor you have chosen. For example, if you choose a scale factor of 2, each box will be a 2 inch by 2 inch box. So if you have 5 boxes across the top on your original that will measure 5 inches, but on your new drawing it will be ten inches long, each box being 2 inches wide, marked at 2 inches, 4 inches, 6 inches and 8 inches, 10 inches.
* After you have both grids drawn LIGHTLY label each like shown below. The more boxes you have it can be confusing to draw, the labeling will assist you in the drawing. This must be done LIGHTLY so that it can be erased and colored over later.

|  |  |  |
| --- | --- | --- |
| a1 | b1 | c1 |
| a2 | b2 | b3 |
| a3 | b3 | c3 |
| a4 | b4 | c4 |
| a5 | b5 | c5 |

* After you have everything labeled you can begin to sketch the picture onto the bigger sketch paper, one square at a time. The sketch should focus on the overall shapes and lines, paying careful attention to the placement of lines and shapes as they move from one square of the grid to another. if on line or curve stretches across much of the picture in a photograph of a face it may help to mark the points in all the boxes where that line passes, then connect those points in a fluid curve.
* Erase grid lines from the final picture that is being drawn, being careful not to erase the sketch as well. If the final picture is being painted then the lines do not have to be erased but can simply be painted over by something dark enough to cover the lines.
* Fill in he details in all parts of the drawing or painting to finish enlarging the picture. continue looking at the reference picture for help with what details should look like.

Your final enlargement is due **March 31, 2015**